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ATTORNEY DOCKET NO. 03375/003002

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kristoph D. Krug et al. Art Unit: 2311  
Serial No.: 08/165,737 Examiner: G. Hayes  
Filed : December 10, 1993  
Title : DEVICE AND METHOD FOR INSPECTION OF BAGGAGE AND OTHER OBJECTS

Commissioner of Patents and Trademarks  
Washington, DC 20231

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GROUP 2000

RESPONSE

Responsive to the office action mailed May 6, 1994,  
please amend the application as follows:

In the claims:

Cancel claim 1 without prejudice.

57. (Amended) A method for detecting a specific given material that may be present in an ensemble of objects in which different materials may overlies or underlie the given material, comprising

providing a stationary x-ray source adapted to expose a region of an ensemble of objects to x-ray radiation, and a stationary x-ray detector adapted to detect x-ray radiation transmitted through the ensemble of objects,

exposing regions of the ensemble to x-ray radiation, for each region, detecting the transmitted x-ray radiation [energy] and computer processing the [resulting] detected signal to generate data representing attenuation of the transmitted x-ray radiation through said region,

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Date of Deposit October 5, 1994

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Kathleen Bower

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